

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5146  
name Rains & Williamson Oil Co., Inc.  
address 435 Page Court,  
220 West Douglas  
City/State/Zip Wichita, Kansas 67202

Operator Contact Person Juanita Green  
Phone (316) 265-9686

Contractor: license # 5143  
name Buffalo Drilling Company, Inc.

Wellsite Geologist Dave Callewaert  
Phone (316) 265-9686

PURCHASER

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
9-20-84 9-28-84 3-11-85  
Spud Date Date Reached TD Completion Date

3849'  
Total Depth PBDT

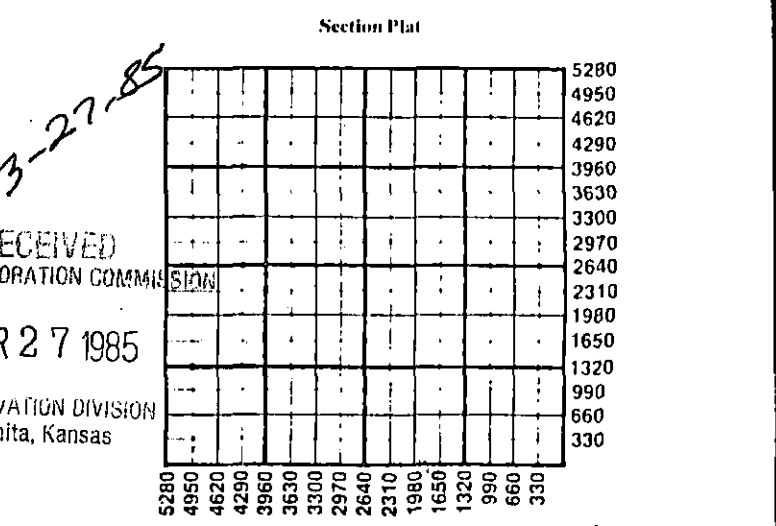
Amount of Surface Pipe Set and Cemented at 368' feet  
Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15 - 185-22,045-0000  
County Stafford  
SW NE SW Sec 27 Twp 22 S Rge 13  
(location)  
1650 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name BRODIE Well# 1  
Field Name Wildcat  
Producing Formation  
Elevation: Ground 1908 KB 1913



WATER SUPPLY INFORMATION  
Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and Ft West From Southeast Corner of (Well) Sec Twp Rge East West  
 Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge East West  
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Wilson Rains  
Wilson Rains, President Date 3-25-85

Subscribed and sworn to before me this 25th day of March 19 85

Notary Public B.L.C. Juanita M. Green  
Date Commission Expires 10-4-87

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)  
Form ACO-1 (7-84)

Sec 27 Twp 22 S Rge 13

Operator Name Rains & Williamson Oil Co., Inc. Lease Name BRODIE Well# 1 SEC 27 TWP 22 S RGE 13  East  West

WELL LOG

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 3565' - 3581'. 30 30 30 30. Rec. 10'  
 mud. IFP 78# - 78#, FFP 68# - 78#. ISIP 88#,  
 FSIP 88#.

DST #2 3583' - 3603'. 30 30 30 30. Rec. 85'  
 mud. IFP 88# - 88#, FFP 108# - 108#. ISIP  
 998#, FSIP 849#.

DST #3 3602' - 3630'. 30 30 60 60. Rec. 70'  
 mud, 240' Slightly oil and gas cut mud. IFP  
 137# - 137#, FFP 157# - 167#. ISIP 968#,  
 FSIP 968#.

DST #4 3807' - 3849'. 30 30 60 60. Rec. 90  
 mud, 60' very heavy oil and gas cut mud, 60'  
 mud cut gassy oil. FFP 100# - 125#. ISIP  
 1188#, FSIP 1176#.

Name	Top	Bottom
Anhydrite	757	(+1156)
B/Anhydrite	780	(+1133)
Heebner	3285	(-1372)
Brown Lime	3419	(-1506)
Lansing	3430	(-1517)
B/KC	3662	(-1749)
Simpson	3801	(-1888)
Arbuckle	3844	(-1931)
L.T.D.	3850	(-1937)

CASING RECORD  new  used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (In O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12 1/4"	8 5/8"	23#	368'	50-50 poz.	50 sx	8% gal, 3% cc.
Production	7 7/8"	5 1/2"	14#	3847'	60-40 poz.	100 sx	2% gal, 3% cc, 10% salt, 6% gilsonite, 2% KC-KC

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	3621' - 3625'	250 gallons MCA.	
2	3582' - 3584'	250 gallons MCA.	

TUBING RECORD

size set at packer at LIner Run  Yes  No

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas:  vented  sold  used on lease  
 open hole  perforation (specify) .....  
 Fully Completed. ....